

### REMARKS

This Amendment is responsive to the Office Action identified above, and is further responsive in any other manner indicated below.

### PENDING CLAIMS

Claims 24-26, 38-33 and 35-43 were pending in the application, under consideration and subject to examination at the time of the Office Action. Unrelated to any prior art, scope or rejection, appropriate Claims have been amended, added or deleted in order to adjust a clarity and/or focus of Applicant's claimed invention. That is, the amendments to the claims are unrelated to any prior art or scope adjustment, and are simply clarified claims in which Applicant is presently interested. At entry of this paper, Claims 24-26, 38-33 and 35-43 remain pending in the application for consideration and examination.

### DRAWING OBJECTIONS - TRAVERSED

The section numbered "2" on page 2 of the Detailed Action portion of the Office Action objects to the drawings under '1.83 stating that the drawings must show every feature of the invention specified in the claims. Traversal is appropriate, because such feature of the claimed invention is already illustrated within the FIG. drawings. More particularly, FIG. 5's "signal transmission means 24" or FIG. 6's "electronic signal transmission means 26" correspond to Applicant's format outputter. Applicant's specification page 10, lines 4-6 (for example), states: "This signal transmission means 24 sends an infrared signal derived from information from the

MPEG decoder 11, and such infrared signal contains information indicating the scanning method of the video signal.” FIG. 6’s electronic signal transmission means 26 transmits a wireless signal (instead of infrared). Based upon the foregoing, it is clear that Applicant’s original drawings already illustrated the item of interest, and Accordingly, reconsideration and withdrawal of the above-referenced objection to the drawings are respectfully requested.

**‘112, 1<sup>ST</sup> PARA. “ENABLEMENT REQUIREMENT” REJECTION - TRAVERSED**

Claims 29, 36 and 43 have been rejected, under 35 USC ‘112, first paragraph, as failing to comply with the enablement requirement, for the concerns listed within the item 4 on page 3 of the Detailed Action portion of the Office Action. Traversal is appropriate.

As mentioned above, FIG. 5’s “signal transmission means 24” or FIG. 6’s “electronic signal transmission means 26” correspond to Applicant’s format outputter. Applicant’s specification page 10, lines 4-6 (for example), states: “This signal transmission means 24 sends an infrared signal derived from information from the MPEG decoder 11, and such infrared signal contains information indicating the scanning method of the video signal.” FIG. 6’s electronic signal transmission means 26 transmits a wireless signal (instead of infrared). In short, Applicant’s claimed output formatter is clearly enabled by at least Applicant’s specification page 10+ disclosure as well as the mentioned FIGS. 5-6.

Based upon the foregoing, reconsideration and withdrawal of the above-referenced rejection are respectfully requested. If the Examiner continues such

rejection, the Examiner should provide more detailed comments explaining and supporting the rejection.

### **REJECTIONS UNDER 35 USC §§102 AND 103 - TRAVERSED**

All 35 USC rejections (*i.e.*, the 35 USC §102 rejection of Claims 24-26, 31-33 and 38-40 as being anticipated by Limberg *et al.* (US 5,923,378); the 35 USC §103 rejection of Claims 28, 30, 35, 37 and 42 as being unpatentable over Limberg *et al.*) are respectfully traversed. However, such rejections have been rendered obsolete by the present clarifying amendments to Applicant's claims, and accordingly, traversal arguments are not appropriate at this time. However, Applicant respectfully submits the following to preclude renewal of any such rejections against Applicant's clarified claims.

All descriptions of Applicant's disclosed and claimed invention, and all descriptions and rebuttal arguments regarding the applied prior art, as previously submitted by Applicant in any form, are repeated and incorporated herein by reference. Further, all Office Action statements regarding the prior art rejections are respectfully traversed.

The requirements to support a rejection under 35 USC §102 as indicated in the decision of *In re Robertson*, 49 USPQ2d 1949 (Fed. Cir. 1999), require that each and every element as set forth in the claim is found, either expressly or inherently described in a single prior art reference. As set out in the decision *In re Fine*, 5 USPQ2d 1596 (Fed. Cir. 1988), the court points out that the PTO has the burden under §103 to establish a *prima facie* case of obviousness, and can satisfy this

burden only by showing some objective teaching in the prior art or that knowledge generally available to one of ordinary skill in the art would lead that individual to combine the relevant teachings of the references. However, the cited prior art does not adequately support either a §102 anticipation-type rejection or a §103 obviousness-type rejection because it does not, at minimum, disclose (or suggest) the following limitations of Applicant's clarified claims as discussed by Applicant's foreign representative in support of traversal of the rejection and patentability of Applicant's claims.

Applicant's invention has a feature of processing a plurality of signal format about the video signal. However, Limberg et al. (US5,923,378) discloses art about a trellis decoder 16 which decodes an ATSC signal and outputs the same to the rest of the DTV receiver signal. In short, Limberg et al. doesn't teach or suggest the feature of processing a plurality of signal format about the video signal (for example, HD/SD).

For understanding, generally, a trellis decoder relates to the art to correct an error in the transmission path, and so the technical idea of the cited reference is very different from that of Applicant's invention which relates to a process implemented after the error-correction.

Thus, Limberg et al. does NOT disclose at least at least Applicant's features/limitations of: "wherein the processor decodes the subject video signal based on the standard definition format when the format of the received signal is the standard definition format, and decodes the subject video signal based on the high definition format when the received signal is the high definition format."

Attached herewith is a drawing sketch visually illustrating the difference between Applicant's invention and Limberg et al.

Further attached herewith for educational purposes, is a copy of an undated article concerning "Forward Error Correction", and a Form 1449 or SB/08 listing such article.

As a result of all of the foregoing, it is respectfully submitted that the applied art would not support either a §102 anticipation-type rejection or a §103 obviousness-type rejection of Applicant's claims. Accordingly, reconsideration and withdrawal of such §§102 and 103 rejections, and express written allowance of all of the rejected claims, are respectfully requested.

#### **RESERVATION OF RIGHTS**

It is respectfully submitted that any and all claim amendments and/or cancellations submitted within this paper and throughout prosecution of the present application are without prejudice or disclaimer of any scope or subject matter. Further, Applicant respectfully reserves all rights to file subsequent related application(s) (including reissue applications) directed to any/all previously claimed limitations/features which have been subsequently amended or cancelled, or to any/all limitations/features not yet claimed, *i.e.*, Applicant continues (indefinitely) to maintain no intention or desire to dedicate or surrender any limitations/features of subject matter of the present application to the public.

### EXAMINER INVITED TO TELEPHONE

The Examiner is invited to telephone the undersigned at the local D.C. area number 703-312-6600, to discuss an Examiner's Amendment or other suggested action for accelerating prosecution and moving the present application to allowance.

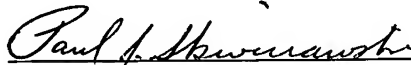
### CONCLUSION

In view of the foregoing amendments and remarks, Applicant respectfully submits that the claims listed above as presently being under consideration in the application are in condition for allowance. Accordingly, early allowance of such claims is respectfully requested.

To whatever other extent is actually necessary, Applicant respectfully petitions the Commissioner for an extension of time under 37 CFR §1.136.

Please charge any actual deficiency in required fees for entry of this paper to ATS&K Deposit Account No. 01-2135 (as Case No. 501.36105CC2).

Respectfully submitted,

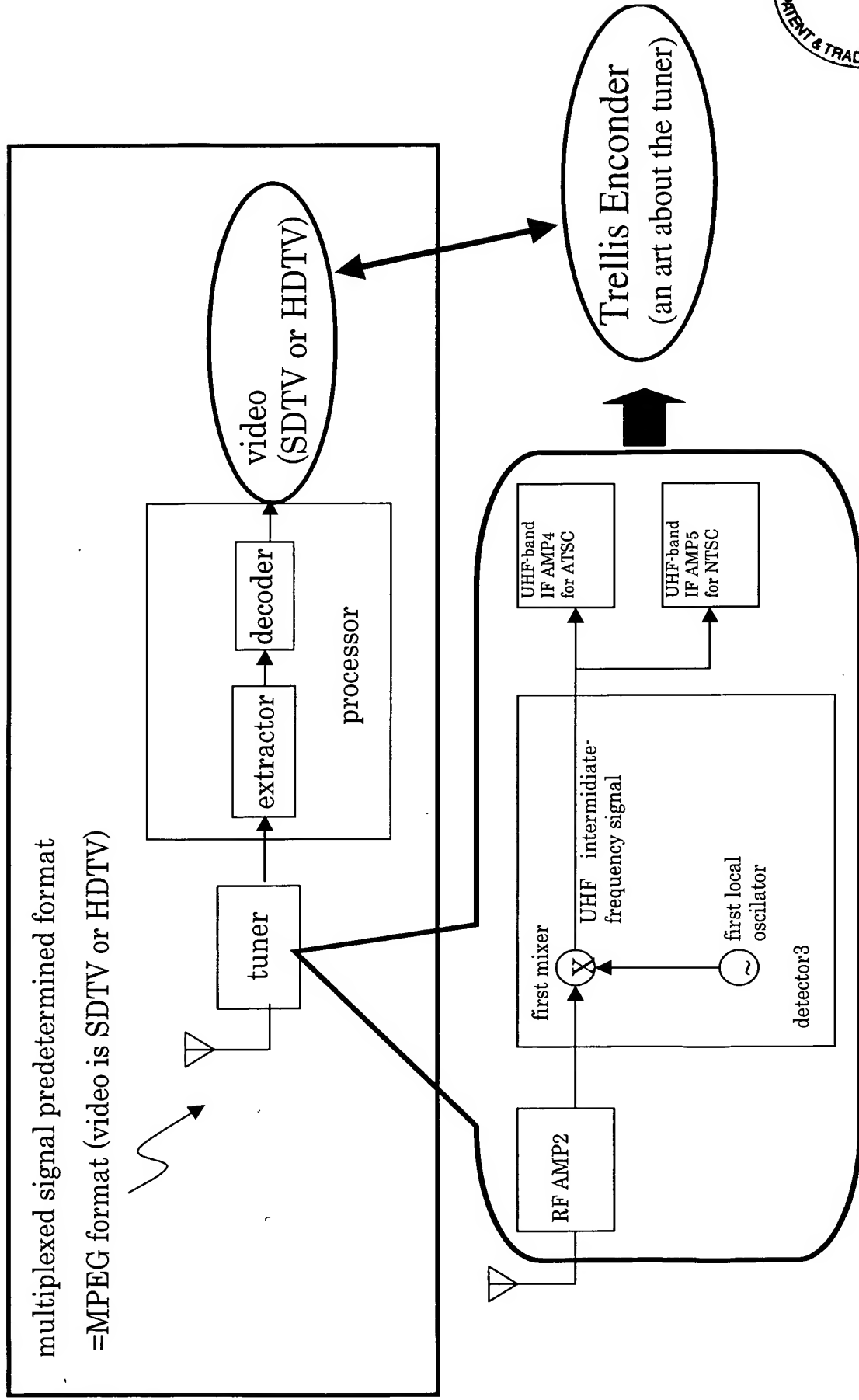


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Attachments:

Drawing sketch  
Forward Error Correction article  
Form 1449 or SB/08

# OUR INVENTION



The cited reference (c.f. Fig.1 column 60~80)